

B1 (Official Form 1)(1/08)

**United States Bankruptcy Court
Northern District of Illinois**

Voluntary Petition

Name of Debtor (if individual, enter Last, First, Middle): Hallam, Debra J	Name of Joint Debtor (Spouse) (Last, First, Middle):	
All Other Names used by the Debtor in the last 8 years (include married, maiden, and trade names):	All Other Names used by the Joint Debtor in the last 8 years (include married, maiden, and trade names):	
Last four digits of Soc. Sec. or Individual-Taxpayer I.D. (ITIN) No./Complete EIN (if more than one, state all) xxx-xx-7661	Last four digits of Soc. Sec. or Individual-Taxpayer I.D. (ITIN) No./Complete EIN (if more than one, state all)	
Street Address of Debtor (No. and Street, City, and State): 711 Livingston St. Streator, IL	Street Address of Joint Debtor (No. and Street, City, and State):	
ZIP Code 61364	ZIP Code	
County of Residence or of the Principal Place of Business: La Salle	County of Residence or of the Principal Place of Business:	
Mailing Address of Debtor (if different from street address):	Mailing Address of Joint Debtor (if different from street address):	
ZIP Code	ZIP Code	
Location of Principal Assets of Business Debtor (if different from street address above):		
Type of Debtor (Form of Organization) (Check one box)	Nature of Business (Check one box)	Chapter of Bankruptcy Code Under Which the Petition is Filed (Check one box)
<input checked="" type="checkbox"/> Individual (includes Joint Debtors) <i>See Exhibit D on page 2 of this form.</i> <input type="checkbox"/> Corporation (includes LLC and LLP) <input type="checkbox"/> Partnership <input type="checkbox"/> Other (If debtor is not one of the above entities, check this box and state type of entity below.)	<input type="checkbox"/> Health Care Business <input type="checkbox"/> Single Asset Real Estate as defined in 11 U.S.C. § 101 (51B) <input type="checkbox"/> Railroad <input type="checkbox"/> Stockbroker <input type="checkbox"/> Commodity Broker <input type="checkbox"/> Clearing Bank <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Chapter 7 <input type="checkbox"/> Chapter 9 <input type="checkbox"/> Chapter 11 <input type="checkbox"/> Chapter 12 <input type="checkbox"/> Chapter 13
	Tax-Exempt Entity (Check box, if applicable)	<input type="checkbox"/> Chapter 15 Petition for Recognition of a Foreign Main Proceeding <input type="checkbox"/> Chapter 15 Petition for Recognition of a Foreign Nonmain Proceeding
	<input type="checkbox"/> Debtor is a tax-exempt organization under Title 26 of the United States Code (the Internal Revenue Code).	Nature of Debts (Check one box)
Filing Fee (Check one box)	Chapter 11 Debtors	
<input checked="" type="checkbox"/> Full Filing Fee attached <input type="checkbox"/> Filing Fee to be paid in installments (applicable to individuals only). Must attach signed application for the court's consideration certifying that the debtor is unable to pay fee except in installments. Rule 1006(b). See Official Form 3A.	Check one box: <input type="checkbox"/> Debtor is a small business debtor as defined in 11 U.S.C. § 101(51D). <input type="checkbox"/> Debtor is not a small business debtor as defined in 11 U.S.C. § 101(51D).	
<input type="checkbox"/> Filing Fee waiver requested (applicable to chapter 7 individuals only). Must attach signed application for the court's consideration. See Official Form 3B.	Check if: <input type="checkbox"/> Debtor's aggregate noncontingent liquidated debts (excluding debts owed to insiders or affiliates) are less than \$2,190,000.	
	Check all applicable boxes: <input type="checkbox"/> A plan is being filed with this petition. <input type="checkbox"/> Acceptances of the plan were solicited prepetition from one or more classes of creditors, in accordance with 11 U.S.C. § 1126(b).	

Statistical/Administrative Information

- Debtor estimates that funds will be available for distribution to unsecured creditors.
- Debtor estimates that, after any exempt property is excluded and administrative expenses paid, there will be no funds available for distribution to unsecured creditors.

THIS SPACE IS FOR COURT USE ONLY

Estimated Number of Creditors

■	□	□	□	□	□	□	□	□	□	□
1- 49	50- 99	100- 199	200- 999	1,000- 5,000	5,001- 10,000	10,001- 25,000	25,001- 50,000	50,001- 100,000	OVER 100,000	

Estimated Assets

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
\$0 to \$50,000	\$50,001 to \$100,000	\$100,001 to \$500,000	\$500,001 to \$1 million	\$1,000,001 to \$10 million	\$10,000,001 to \$50 million	\$50,000,001 to \$100 million	\$100,000,001 to \$500 million	\$500,000,001 to \$1 billion	\$1 billion	More than \$1 billion	

Estimated Liabilities

Estimated Earnings	\$0 to \$50,000	\$50,001 to \$100,000	\$100,001 to \$500,000	\$500,001 to \$1 million	\$1,000,001 to \$10 million	\$10,000,001 to \$50 million	\$50,000,001 to \$100 million	\$100,000,001 to \$500 million	\$500,000,001 to \$1 billion	More than \$1 billion
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Voluntary Petition <i>(This page must be completed and filed in every case)</i>		Name of Debtor(s): Hallam, Debra J	
All Prior Bankruptcy Cases Filed Within Last 8 Years (If more than two, attach additional sheet)			
Location Where Filed: - None -	Case Number:	Date Filed:	
Location Where Filed:	Case Number:	Date Filed:	
Pending Bankruptcy Case Filed by any Spouse, Partner, or Affiliate of this Debtor (If more than one, attach additional sheet)			
Name of Debtor: - None -	Case Number:	Date Filed:	
District:	Relationship:	Judge:	
Exhibit A		Exhibit B	
(To be completed if debtor is required to file periodic reports (e.g., forms 10K and 10Q) with the Securities and Exchange Commission pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 and is requesting relief under chapter 11.)		(To be completed if debtor is an individual whose debts are primarily consumer debts.) I, the attorney for the petitioner named in the foregoing petition, declare that I have informed the petitioner that [he or she] may proceed under chapter 7, 11, 12, or 13 of title 11, United States Code, and have explained the relief available under each such chapter. I further certify that I delivered to the debtor the notice required by 11 U.S.C. §342(b).	
<input type="checkbox"/> Exhibit A is attached and made a part of this petition.		X /s/ Stephen J. West, Atty. September 16, 2008 Signature of Attorney for Debtor(s) (Date) Stephen J. West, Atty. 02989794	
Exhibit C			
Does the debtor own or have possession of any property that poses or is alleged to pose a threat of imminent and identifiable harm to public health or safety?			
<input type="checkbox"/> Yes, and Exhibit C is attached and made a part of this petition. <input checked="" type="checkbox"/> No.			
Exhibit D			
(To be completed by every individual debtor. If a joint petition is filed, each spouse must complete and attach a separate Exhibit D.)			
<input checked="" type="checkbox"/> Exhibit D completed and signed by the debtor is attached and made a part of this petition.			
If this is a joint petition:			
<input type="checkbox"/> Exhibit D also completed and signed by the joint debtor is attached and made a part of this petition.			
Information Regarding the Debtor - Venue			
(Check any applicable box)			
<input checked="" type="checkbox"/> Debtor has been domiciled or has had a residence, principal place of business, or principal assets in this District for 180 days immediately preceding the date of this petition or for a longer part of such 180 days than in any other District. <input type="checkbox"/> There is a bankruptcy case concerning debtor's affiliate, general partner, or partnership pending in this District. <input type="checkbox"/> Debtor is a debtor in a foreign proceeding and has its principal place of business or principal assets in the United States in this District, or has no principal place of business or assets in the United States but is a defendant in an action or proceeding [in a federal or state court] in this District, or the interests of the parties will be served in regard to the relief sought in this District.			
Certification by a Debtor Who Resides as a Tenant of Residential Property			
(Check all applicable boxes)			
<input type="checkbox"/> Landlord has a judgment against the debtor for possession of debtor's residence. (If box checked, complete the following.)			
<hr/> (Name of landlord that obtained judgment)			
<hr/> (Address of landlord)			
<input type="checkbox"/> Debtor claims that under applicable nonbankruptcy law, there are circumstances under which the debtor would be permitted to cure the entire monetary default that gave rise to the judgment for possession, after the judgment for possession was entered, and <input type="checkbox"/> Debtor has included in this petition the deposit with the court of any rent that would become due during the 30-day period after the filing of the petition. <input type="checkbox"/> Debtor certifies that he/she has served the Landlord with this certification. (11 U.S.C. § 362(l)).			

Voluntary Petition*(This page must be completed and filed in every case)*

Name of Debtor(s):

Hallam, Debra J**Signatures****Signature(s) of Debtor(s) (Individual/Joint)**

I declare under penalty of perjury that the information provided in this petition is true and correct.
 [If petitioner is an individual whose debts are primarily consumer debts and has chosen to file under chapter 7] I am aware that I may proceed under chapter 7, 11, 12, or 13 of title 11, United States Code, understand the relief available under each such chapter, and choose to proceed under chapter 7.
 [If no attorney represents me and no bankruptcy petition preparer signs the petition] I have obtained and read the notice required by 11 U.S.C. §342(b).

I request relief in accordance with the chapter of title 11, United States Code, specified in this petition.

X /s/ Debra J HallamSignature of Debtor **Debra J Hallam****X**

Signature of Joint Debtor

Telephone Number (If not represented by attorney)

September 16, 2008

Date

Signature of Attorney***X /s/ Stephen J. West, Atty.**

Signature of Attorney for Debtor(s)

Stephen J. West, Atty. 02989794

Printed Name of Attorney for Debtor(s)

Stephen J. West

Firm Name

628 Columbus Dr.**Rm. 102****Ottawa, IL 61350**

Address

815-434-7250 Fax: 815-434-0951

Telephone Number

September 16, 2008

Date

*In a case in which § 707(b)(4)(D) applies, this signature also constitutes a certification that the attorney has no knowledge after an inquiry that the information in the schedules is incorrect.

Signature of Debtor (Corporation/Partnership)

I declare under penalty of perjury that the information provided in this petition is true and correct, and that I have been authorized to file this petition on behalf of the debtor.

The debtor requests relief in accordance with the chapter of title 11, United States Code, specified in this petition.

X

Signature of Authorized Individual

Printed Name of Authorized Individual

Title of Authorized Individual

Date

Signature of a Foreign Representative

I declare under penalty of perjury that the information provided in this petition is true and correct, that I am the foreign representative of a debtor in a foreign proceeding, and that I am authorized to file this petition.

(Check only one box.)

I request relief in accordance with chapter 15 of title 11, United States Code. Certified copies of the documents required by 11 U.S.C. §1515 are attached.

Pursuant to 11 U.S.C. §1511, I request relief in accordance with the chapter of title 11 specified in this petition. A certified copy of the order granting recognition of the foreign main proceeding is attached.

X

Signature of Foreign Representative

Printed Name of Foreign Representative

Date

Signature of Non-Attorney Bankruptcy Petition Preparer

I declare under penalty of perjury that: (1) I am a bankruptcy petition preparer as defined in 11 U.S.C. § 110; (2) I prepared this document for compensation and have provided the debtor with a copy of this document and the notices and information required under 11 U.S.C. §§ 110(b), 110(h), and 342(b); and, (3) if rules or guidelines have been promulgated pursuant to 11 U.S.C. § 110(h) setting a maximum fee for services chargeable by bankruptcy petition preparers, I have given the debtor notice of the maximum amount before preparing any document for filing for a debtor or accepting any fee from the debtor, as required in that section. Official Form 19 is attached.

Printed Name and title, if any, of Bankruptcy Petition Preparer

Social-Security number (If the bankruptcy petition preparer is not an individual, state the Social Security number of the officer, principal, responsible person or partner of the bankruptcy petition preparer.)(Required by 11 U.S.C. § 110.)

Address

X

Date

Signature of Bankruptcy Petition Preparer or officer, principal, responsible person,or partner whose Social Security number is provided above.

Names and Social-Security numbers of all other individuals who prepared or assisted in preparing this document unless the bankruptcy petition preparer is not an individual:

If more than one person prepared this document, attach additional sheets conforming to the appropriate official form for each person.

A bankruptcy petition preparer's failure to comply with the provisions of title 11 and the Federal Rules of Bankruptcy Procedure may result in fines or imprisonment or both 11 U.S.C. §110; 18 U.S.C. §156.

Official Form 1, Exhibit D (10/06)

United States Bankruptcy Court
Northern District of Illinois

In re Debra J Hallam

Debtor(s)

Case No.
Chapter

7

**EXHIBIT D - INDIVIDUAL DEBTOR'S STATEMENT OF COMPLIANCE WITH
CREDIT COUNSELING REQUIREMENT**

Warning: You must be able to check truthfully one of the five statements regarding credit counseling listed below. If you cannot do so, you are not eligible to file a bankruptcy case, and the court can dismiss any case you do file. If that happens, you will lose whatever filing fee you paid, and your creditors will be able to resume collection activities against you. If your case is dismissed and you file another bankruptcy case later, you may be required to pay a second filing fee and you may have to take extra steps to stop creditors' collection activities.

Every individual debtor must file this Exhibit D. If a joint petition is filed, each spouse must complete and file a separate Exhibit D. Check one of the five statements below and attach any documents as directed.

1. Within the 180 days **before the filing of my bankruptcy case**, I received a briefing from a credit counseling agency approved by the United States trustee or bankruptcy administrator that outlined the opportunities for available credit counseling and assisted me in performing a related budget analysis, and I have a certificate from the agency describing the services provided to me. *Attach a copy of the certificate and a copy of any debt repayment plan developed through the agency.*

2. Within the 180 days **before the filing of my bankruptcy case**, I received a briefing from a credit counseling agency approved by the United States trustee or bankruptcy administrator that outlined the opportunities for available credit counseling and assisted me in performing a related budget analysis, but I do not have a certificate from the agency describing the services provided to me. *You must file a copy of a certificate from the agency describing the services provided to you and a copy of any debt repayment plan developed through the agency no later than 15 days after your bankruptcy case is filed.*

3. I certify that I requested credit counseling services from an approved agency but was unable to obtain the services during the five days from the time I made my request, and the following exigent circumstances merit a temporary waiver of the credit counseling requirement so I can file my bankruptcy case now. *[Must be accompanied by a motion for determination by the court.]* *[Summarize exigent circumstances here.]*

If the court is satisfied with the reasons stated in your motion, it will send you an order approving your request. You must still obtain the credit counseling briefing within the first 30 days after you file your bankruptcy case and promptly file a certificate from the agency that provided the briefing, together with a copy of any debt management plan developed through the agency. Any extension of the 30-day deadline can be granted only for cause and is limited to a maximum of 15 days. A motion for extension must be filed within the 30-day period. Failure to fulfill these requirements may result in dismissal of your case. If the court is not satisfied with your reasons for filing your bankruptcy case without first receiving a credit counseling briefing, your case may be dismissed.

Official Form 1, Exh. D (10/06) - Cont.

4. I am not required to receive a credit counseling briefing because of: *[Check the applicable statement.] [Must be accompanied by a motion for determination by the court.]*

Incapacity. (Defined in 11 U.S.C. § 109(h)(4) as impaired by reason of mental illness or mental deficiency so as to be incapable of realizing and making rational decisions with respect to financial responsibilities.);

Disability. (Defined in 11 U.S.C. § 109(h)(4) as physically impaired to the extent of being unable, after reasonable effort, to participate in a credit counseling briefing in person, by telephone, or through the Internet.);

Active military duty in a military combat zone.

5. The United States trustee or bankruptcy administrator has determined that the credit counseling requirement of 11 U.S.C. § 109(h) does not apply in this district.

I certify under penalty of perjury that the information provided above is true and correct.

Signature of Debtor: /s/ Debra J Hallam
Debra J Hallam

Date: September 16, 2008

United States Bankruptcy Court
Northern District of Illinois

In re Debra J Hallam

Debtor(s)

Case No.
Chapter

7

STATEMENT OF FINANCIAL AFFAIRS

This statement is to be completed by every debtor. Spouses filing a joint petition may file a single statement on which the information for both spouses is combined. If the case is filed under chapter 12 or chapter 13, a married debtor must furnish information for both spouses whether or not a joint petition is filed, unless the spouses are separated and a joint petition is not filed. An individual debtor engaged in business as a sole proprietor, partner, family farmer, or self-employed professional, should provide the information requested on this statement concerning all such activities as well as the individual's personal affairs. To indicate payments, transfers and the like to minor children, state the child's initials and the name and address of the child's parent or guardian, such as "A.B., a minor child, by John Doe, guardian." Do not disclose the child's name. See, 11 U.S.C. § 112; Fed. R. Bankr. P. 1007(m).

Questions 1 - 18 are to be completed by all debtors. Debtors that are or have been in business, as defined below, also must complete Questions 19 - 25. **If the answer to an applicable question is "None," mark the box labeled "None."** If additional space is needed for the answer to any question, use and attach a separate sheet properly identified with the case name, case number (if known), and the number of the question.

DEFINITIONS

"In business." A debtor is "in business" for the purpose of this form if the debtor is a corporation or partnership. An individual debtor is "in business" for the purpose of this form if the debtor is or has been, within six years immediately preceding the filing of this bankruptcy case, any of the following: an officer, director, managing executive, or owner of 5 percent or more of the voting or equity securities of a corporation; a partner, other than a limited partner, of a partnership; a sole proprietor or self-employed full-time or part-time. An individual debtor also may be "in business" for the purpose of this form if the debtor engages in a trade, business, or other activity, other than as an employee, to supplement income from the debtor's primary employment.

"Insider." The term "insider" includes but is not limited to: relatives of the debtor; general partners of the debtor and their relatives; corporations of which the debtor is an officer, director, or person in control; officers, directors, and any owner of 5 percent or more of the voting or equity securities of a corporate debtor and their relatives; affiliates of the debtor and insiders of such affiliates; any managing agent of the debtor. 11 U.S.C. § 101.

1. Income from employment or operation of business

None State the gross amount of income the debtor has received from employment, trade, or profession, or from operation of the debtor's business, including part-time activities either as an employee or in independent trade or business, from the beginning of this calendar year to the date this case was commenced. State also the gross amounts received during the **two years** immediately preceding this calendar year. (A debtor that maintains, or has maintained, financial records on the basis of a fiscal rather than a calendar year may report fiscal year income. Identify the beginning and ending dates of the debtor's fiscal year.) If a joint petition is filed, state income for each spouse separately. (Married debtors filing under chapter 12 or chapter 13 must state income of both spouses whether or not a joint petition is filed, unless the spouses are separated and a joint petition is not filed.)

AMOUNT	SOURCE
\$40,000.00	2006
\$42,800.00	2007

2. Income other than from employment or operation of business

None State the amount of income received by the debtor other than from employment, trade, profession, or operation of the debtor's business during the **two years** immediately preceding the commencement of this case. Give particulars. If a joint petition is filed, state income for each spouse separately. (Married debtors filing under chapter 12 or chapter 13 must state income for each spouse whether or not a joint petition is filed, unless the spouses are separated and a joint petition is not filed.)

AMOUNT	SOURCE
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3. Payments to creditors

None

Complete a. or b., as appropriate, and c.

a. *Individual or joint debtor(s) with primarily consumer debts.* List all payments on loans, installment purchases of goods or services, and other debts to any creditor made within **90 days** immediately preceding the commencement of this case unless the aggregate value of all property that constitutes or is affected by such transfer is less than \$600. Indicate with an (*) any payments that were made to a creditor on account of a domestic support obligation or as part of an alternative repayment schedule under a plan by an approved nonprofit budgeting and creditor counseling agency. (Married debtors filing under chapter 12 or chapter 13 must include payments by either or both spouses whether or not a joint petition is filed, unless the spouses are separated and a joint petition is not filed.)

NAME AND ADDRESS OF CREDITOR	DATES OF PAYMENTS	AMOUNT PAID	AMOUNT STILL OWING
PHH Mortgage	Monthly payment	\$645.00	\$52,800.00
G.M.A.C.	Monthly payment	\$347.00	\$7,900.00

None

b. *Debtor whose debts are not primarily consumer debts:* List each payment or other transfer to any creditor made within **90 days** immediately preceding the commencement of the case unless the aggregate value of all property that constitutes or is affected by such transfer is less than \$5,475. If the debtor is an individual, indicate with an asterisk (*) any payments that were made to a creditor on account of a domestic support obligation or as part of an alternative repayment schedule under a plan by an approved nonprofit budgeting and creditor counseling agency. (Married debtors filing under chapter 12 or chapter 13 must include payments by either or both spouses whether or not a joint petition is filed, unless the spouses are separated and a joint petition is not filed.)

NAME AND ADDRESS OF CREDITOR	DATES OF PAYMENTS/ TRANSFERS	AMOUNT PAID OR VALUE OF TRANSFERS	AMOUNT STILL OWING
NAME AND ADDRESS OF CREDITOR AND RELATIONSHIP TO DEBTOR	DATE OF PAYMENT	AMOUNT PAID	AMOUNT STILL OWING

c. *All debtors:* List all payments made within **one year** immediately preceding the commencement of this case to or for the benefit of creditors who are or were insiders. (Married debtors filing under chapter 12 or chapter 13 must include payments by either or both spouses whether or not a joint petition is filed, unless the spouses are separated and a joint petition is not filed.)

NAME AND ADDRESS OF CREDITOR AND RELATIONSHIP TO DEBTOR	DATE OF PAYMENT	AMOUNT PAID	AMOUNT STILL OWING
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4. Suits and administrative proceedings, executions, garnishments and attachments

None

a. List all suits and administrative proceedings to which the debtor is or was a party within **one year** immediately preceding the filing of this bankruptcy case. (Married debtors filing under chapter 12 or chapter 13 must include information concerning either or both spouses whether or not a joint petition is filed, unless the spouses are separated and a joint petition is not filed.)

CAPTION OF SUIT AND CASE NUMBER	NATURE OF PROCEEDING	COURT OR AGENCY AND LOCATION	STATUS OR DISPOSITION
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None

b. Describe all property that has been attached, garnished or seized under any legal or equitable process within **one year** immediately preceding the commencement of this case. (Married debtors filing under chapter 12 or chapter 13 must include information concerning property of either or both spouses whether or not a joint petition is filed, unless the spouses are separated and a joint petition is not filed.)

NAME AND ADDRESS OF PERSON FOR WHOSE BENEFIT PROPERTY WAS SEIZED	DATE OF SEIZURE	DESCRIPTION AND VALUE OF PROPERTY
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5. SUMMARY OF CLAIMED SUBJECT MATTER

Some aspects of the present inventive subject matter include, but are not limited to, systems and methods for automatically authenticating a network client. In an aspect of the invention, an authentication system suitable for automatically providing authentication to a user at a client node is presented (FIG. 2 and Specification, page 3 first full paragraph, page 7 first full paragraph and continuing through at least the first full paragraph of page 8). The user provides a user secret (Specification, page 5 second paragraph lines 19-20) and requests access to network resources resident at one or more server nodes in a distributed network system (Specification, page 7 lines 1-3). The authentication system includes: a local application program interface for receiving the user secret, where the local application program interface is in communication with a requested network resource and the client node (FIG. 2 reference numeral 121 and Specification page 8 lines 17-21). The authentication system also includes a cryptography service node having means for providing a common key and algorithm, and having means for providing a client/server session key and algorithm, where the session key is associated with a single session during a single logon of the user and if the session terminates the session key becomes invalid (FIG. 2 reference numeral 125 and Specification page 9 lines 6-12 and page 13 lines 13-20). The authentication system also includes an authentication database in communication with the local application program interface and with the cryptography service node (FIG. 2 reference numeral 103; FIG. 3; and Specification page 8 lines 10-13). The authentication database includes an authentication secret associated with the user (Specification page 8 lines 10-13); means for encrypting the authentication secret using the common key and algorithm (FIG. 7B blocks 347 and 349 and Specification page 16 lines 22-27); and means for encrypting the common key using the client/server session key and algorithm (FIG. 7B blocks 347 and 349 and Specification page 16 lines 22-27). The local application program interface sends an encrypted authentication secret, an encrypted common key, and the session key to the client node for use with the requested network resource, and the common key is a shared and same key, and the use occurs during the single session of the user and expires when the single

session expires (FIG. 8B, Specification page 18 lines 3-12 and Specification page 13 lines 13-20).

According to another aspect, a method for automatically authenticating a user at a network client node in a distributed network system in response to a user request for access to network resources resident in one or more server nodes is provided (FIGS. 6A-6C and Specification page 12 lines 20-29). A network resource identifier, a network resource policy, and an authentication secret to an authentication database, are provided; the network resource identifier is associated with the requested network resource (FIG. 6A reference block 311 and Specification page 13 lines 21-28). Further, the authentication secret is retrieved in response to the user request, and the authentication secret is associated with the user and with the network resource identifier (FIG. 6C and Specification page 14 lines 19-28). The authentication secret is encrypted with a common key and algorithm (FIG. 7B blocks 347 and 349 and Specification page 16 lines 22-27). The common key is a shared and same key (Specification page 17 lines 3-18). Also, the common key and algorithm are encrypted with a client/server session key and algorithm (FIG. 7B blocks 347 and 349 and Specification page 16 lines 22-27). The session key is associated with a single session of a logon of the user and when the session terminates the session key becomes invalid (Specification page 13 lines 13-20). Moreover, the encrypted authentication secret and the common key are sent to the client node for use by the client during the single session, and the use expires when the single session expires (Specification page 13 lines 13-20).

In still another aspect, a method for authenticating a client to a network resource is presented (FIGS. 6A-6C and 7A-7C). A client receives a request for a network resource and the client is authenticated and a secure session is created (Specification page 9 lines 10-12; Specification page 13 lines 17-20; Specification page 14 lines 23-25; FIG. 6C reference block 325). An authentication secret is created for access to the network resource (FIG. 9B reference block 407 and Specification page 18 line 30 through page 19 line 5. Further, the authentication secret is encrypted within a common key, where the common key is a shared and same key (FIG. 7B blocks 347 and 349 and Specification page 16 lines 22-27; Specification page 17 lines 3-18). Moreover, the common key is encrypted with a session key associated with the secure session, where the session key becomes invalid when the secure session terminates and where the secure

session is associated with a single login session of the client (FIG. 7B blocks 347 and 349 and Specification page 16 lines 22-27; Specification page 13 lines 13-20). Furthermore, the encrypted common key, the encrypted authentication secret, and the session key are transmitted to the client for use in accessing the network resource during the single login session, and the use expires when the single login session expires (Specification page 13 lines 13-20).

This summary does not provide an exhaustive or exclusive view of the present subject matter, and Appellant refers to the appended claims and its legal equivalents for a complete statement of the invention

6. GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL

Claims 1-11, 13, 15, 17, 18 and 20 were rejected under 35 USC § 103(a) as being unpatentable over Kahn (U.S. Patent No. 5,818,936) in view of Mashayekhi (U.S. Patent No. 6,401,206) and in further view of Menezes ("Handbook of Applied Cryptology," 1997, pp. 494, 515, and 516).

Claims 12, 14, 16, and 19 were rejected under 35 USC § 103(a) as being unpatentable over Khan in view of Mashayekhi and in further view of Menezes and in still further view of Spies (U.S. Patent No. 5,869,565).

7. ARGUMENT

A) The Applicable Law under 35 U.S.C. §103(a)

To sustain a rejection under 35 U.S.C. 103, references must be cited that teach or suggest all the claim elements. M.P.E.P. § 2142 (citing *In re Vaeck*, 947 F.2d 488, 20 USPQ2d 1438 (Fed. Cir. 1991)). In determining the differences between the prior art and the claims, the question under 35 U.S.C. 103 is not whether the differences themselves would have been obvious, but whether the claimed invention as a whole would have been obvious. *Stratoflex, Inc. v. Aeroquip Corp.*, 713 F.2d 1530, 218 USPQ 871 (Fed. Cir. 1983); *Schenck v. Nortron Corp.*, 713 F.2d 782, 218 USPQ 698 (Fed. Cir. 1983); *Interconnect Planning Corp. v. Feil*, 774 F.2d 1132, 1143, 227 USPQ 543, 551 (Fed. Cir. 1985); MPEP § 2141.02.

Further, the teaching or suggestion to make the claimed combination and the reasonable expectation of success must both be found in the prior art, not in Appellant's disclosure. *In re Vaeck*, 947 F.2d 488, 20 USPQ2d 1438 (Fed. Cir. 1991); MPEP § 2143. The Examiner must avoid hindsight. *In re Bond*, 910 F.2d 831, 834, 15 USPQ2d 1566, 1568 (Fed. Cir. 1990). The Office Action must further provide specific, objective evidence of record for a finding of a suggestion or motivation to combine reference teachings and must explain the reasoning by which the evidence is deemed to support such a finding. *In re Sang Su Lee*, 277 F.3d 1338, 61 USPQ2d 1430 (Fed. Cir. 2002). The mere fact that references can be combined or modified does not render the resultant combination obvious unless the prior art also suggests the desirability of the combination. *In re Mills*, 916 F.2d 680, 16 USPQ2d 1430 (Fed. Cir. 1990).

B) Discussion of the rejection of the claims 1-11, 13, 15, 17, 18 and 20 as being unpatentable under 35 USC § 103(a) over Kahn in view of Mashayekhi and in further view of Menezes.

Primarily, the Examiner has relied on Kahn's public key usage to be combined with the notion of a "session key" in the Menezes reference to assert that the independent claims are obvious. The limitations and usages of the session key included in Applicants' independent

claims were rejected in the context of citations and explanations to the Kahn reference. Subsequent to that discussion the Examiner asserted that although Kahn discusses public key, the public key could be modified as a session key using the teaching of a session key supplied in Menezes.

Applicants assert that this rejection is improper and cannot be made for a variety of reasons. It is also noted again for purposes of emphasis that mere fact that references can be combined or modified does not render the resultant combination obvious unless the prior art also suggests the desirability of the combination. *In re Mills*, 916 F.2d 680, 16 USPQ2d 1430 (Fed. Cir. 1990).

First, a public key and a session key are very different keys and recognized as such in the industry. A session key is temporary and frequently changed. See <https://whatis.techtarget.com> with key phrase “session key.” Session keys are generally used with message communication whereas public keys are used for identities. Public keys are longer and require more processing. See http://en.wikipedia.org/wiki/Main_Page key phrases “session key” and “public key.” In fact, in the Final Office Action the Examiner acknowledged that there is “a clear difference between public keys and session keys.” See Final Office Action, Mailed May 24, 2006, page 5, item 4 and last paragraph. Thus, it appears that there is no dispute with the Examiner that public keys and session keys are in fact clearly different from one another, as the Examiner has already made this admission on record.

The Examiner claims that the Menezes reference establishes a session key via a public key algorithm so this is sufficient to tie the two together and use session key in the context of public key taught and disclosed in Kahn. The Examiner did not cite where this is indicated in the Menezes reference. The Menezes reference appears to be a handbook on cryptology, the section the Examiner only discusses session keys and motivation for session keys it does not tie them into public key algorithms as the Examiner has asserted. However, even assuming that it did, this is irrelevant as to whether the rejection is proper because the fact that a public key algorithm is used to generate a session key (as the Examiner asserted without reference to such a teaching within Menezes) does not change the fact that the teaching supplied in Kahn is exclusively for a public key arrangement and not a session key arrangement. The Examiner is asserting that a

session key could be generated from a public key algorithm but this is irrelevant because the teachings in Kahn are directed to using a “public key” and not using a “session key.”

Second, to combine references there must be some reasonable expectation of success and the intended functions of the cited references cannot be lost. If Kahn were modified with a session key teaching of Menezes its teaches would be lost. The Board’s attention is directed to Kahn column 8 lines 20-29. Here it can be clearly seen that a digital identity and public key are created once in the identity’s life cycle. The Examiner asserts that because the identity is modifiable it demonstrates that it may be temporary. Applicants directs the Board’s attention to column 8 lines 30-36 where it is clear that the public key remains unchanged in such a situation.

The Kahn reference cannot be changed or be modified so as to make its teaching and usage of public key equivalent to that of a session key because in so doing the Kahn reference would fail in its intended function of providing permanency to identities and public keys of identities. Moreover, such a modification would not have a reasonable expectation of success because the public key in Kahn would become temporary and not permanent. Applicants respectfully assert that one of ordinary skill in the art would not have been motivated to combine a general handbook on cryptology of Menezes with the specific teachings of the Kahn public key to change the public key in Kahn to a session key because in so doing the very benefits and stated purposes of the intended benefits and functions of Kahn would be lost. Kahn seeks to create a biometric or unique signature that individuals can apply to documents to identify them selves; this is directly opposed to teachings associated with temporary keys and identifiers. Consequently, Kahn teaches away from Menezes and the two references are not combinable.

Accordingly, Applicants respectfully assert that the proposed combination is improper and should be withdrawn and the claims allowed. Applicants respectfully request an indication of the same.

C) Discussion of the rejection of the claims 12, 14, 16, and 19 as being unpatentable under 35 USC § 103(a) over Khan in view of Mashayekhi and in further view of Menezes and in still further view of Spies (U.S. Patent No. 5,869,565).

Applicants note that these claims are dependent from the independent claims, thus these claims are allowable if the independent claims are allowed. Applicants respectfully assert that in view of the comments supplied above these claims are allowable and respectfully request an indication of the same.

8. SUMMARY

For the reasons argued above, the independent claims were not properly rejected under § 103(a) as being unpatentable over Mashayekhi in view of Menezes.

It is respectfully submitted that the art cited does not render the independent claims obvious and that the claims are patentable over the cited art. Therefore, reversal of the rejections and allowance of the pending claims are respectfully requested.

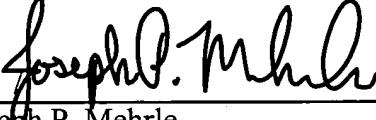
Respectfully submitted,

CAMERON MASHAYEKHI

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402

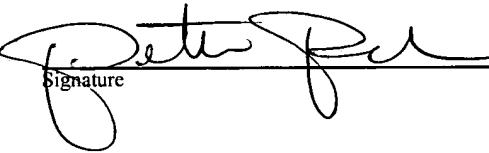
Date September 27, 2006 By


Joseph P. Mehrle
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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Appeal Brief-Patents, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 27 day of September 2006.

Peter Rebuffoni
Name


Signature

CLAIMS APPENDIX

1. An authentication system suitable for automatically providing authentication to a user at a client node, the user providing a user secret and requesting access to network resources resident at one or more server nodes in a distributed network system, said authentication system comprising:

 a local application program interface for receiving the user secret, said local application program interface in communication with a requested network resource and the client node;

 a cryptography service node including means for providing a common key and algorithm, and means for providing a client/server session key and algorithm, wherein the session key is associated with a single session during a single logon of the user and if the session terminates the session key becomes invalid; and

 an authentication database in communication with said local application program interface and with said cryptography service node, said authentication database including

 an authentication secret associated with the user;

 means for encrypting said authentication secret using said common key and algorithm; and

 means for encrypting said common key using said client/server session key and algorithm;

 wherein the local application program interface sends an encrypted authentication secret, an encrypted common key, and the session key to the client node for use with the requested network resource, and wherein the common key is a shared and same key, and wherein the use occurs during the single session of the user and expires when the single session expires.

2. The authentication system of claim 1 further comprising means for encrypting and decrypting said authentication secret using a secret store key and algorithm.

3. The authentication system of claim 1 further comprising,
a network resource identifier associated with said requested network resource; and
a network policy associated with the user and with said network resource identifier.
4. The authentication system of claim 3 wherein said authentication database further comprises,
a second network resource identifier associated with a second network resource;
a second authentication secret associated with the user; and
a second network policy associated with the user and with said second network resource identifier.
5. The authentication system of claim 4 wherein said authentication database further comprises means for encrypting and decrypting said second authentication secret using said secret store key and algorithm.
6. The authentication system of claim 4 wherein said authentication database further comprises means for encrypting and decrypting said second authentication secret using a second secret store key and algorithm.
7. The authentication system of claim 1 wherein said cryptography service further comprises means for generating an authentication secret from the user secret.
8. The authentication system of claim 1 wherein said common key comprises a symmetric key.
9. A method for automatically authenticating a user at a network client node in a distributed network system in response to a user request for access to network resources resident in one or more server nodes, said authentication method comprising the steps of:
providing a network resource identifier, a network resource policy, and an authentication secret to an authentication database, said network resource identifier associated

with the requested network resource;
retrieving said authentication secret in response to said user request, said authentication secret associated with the user and with said network resource identifier;
encrypting said authentication secret with a common key and algorithm, wherein the common key is a shared and same key;
encrypting said common key and algorithm with a client/server session key and algorithm, wherein the session key is associated with a single a session of a logon of the user and when the session terminates the session key becomes invalid; and sending said encrypted authentication secret and said encrypted common key to the client node for use by the client during the single session, and wherein the use expires when the single session expires.

10. The method of claim 9 further comprising the steps of:
decrypting said encrypted common key using said client/server session key;
decrypting said encrypted authentication secret using said decrypted common key and algorithm; and
providing said decrypted authentication secret to the requested network resource.
11. The method of claim 9 further comprising the step of accessing said network resource policy prior to said step of retrieving said authentication secret, said network resource policy associated with the user and with said network resource identifier.
12. The method of claim 9 further comprising the steps of:
obtaining a list of client algorithms supported by the client node;
obtaining a list of server algorithms supported by the server node;
comparing said list of client algorithms with said list of server algorithms so as to determine the strongest algorithm common to both said list of client algorithms and said list of server algorithms; and
using said strongest algorithm as said common key and algorithm.

13. The method of claim 9 wherein said common key comprises a symmetric key.
14. The method of claim 9 further comprising the steps of:
negotiating the strongest common algorithm between server and client node; and
using said strongest algorithm as said client/server session key and algorithm.
15. A method for authenticating a client to a network resource, comprising:
receiving a client request for a network resource;
authenticating the client and creating a secure session;
creating an authentication secret for access to the network resource;
encrypting the authentication secret within a common key, wherein the common key is a shared and same key;
encrypting the common key with a session key associated with the secure session, wherein the session key becomes invalid when the secure session terminates and wherein the secure session is associated with a single login session of the client; and
transmitting to the client the encrypted common key, the encrypted authentication secret, and the session key for use in accessing the network resource during the single login session, and wherein the use expires when the single login session expires.
16. The method of claim 15 further comprising, determining a strongest encryption and decryption algorithm supported by the client when encrypting the authentication secret within the common key.
17. The method of claim 15 further comprising receiving, by the network resource, a decrypted version of the authentication secret from the client and authenticating the client for access to the network resource based on the decrypted authentication secret.
18. The method of claim 15 further comprising associating policies with the authentication secret, wherein the policies define access rights of the client to the network resource.

19. The method of claim 15 negotiating with the client encryption and decryption algorithms for use in encrypting the authentication secret and the common key.

20. The method of claim 15 associating the authentication secret with the client and the network resource and housing the association in a secret store for additional secure sessions established by the client.

EVIDENCE APPENDIX

None.

RELATED PROCEEDINGS APPENDIX

None.